

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031620AR\
 Data File : FD032663.D
 Signal(s) : FID2B.CH
 Acq On : 17 Mar 2020 1:35
 Operator : DD\AJ
 Sample : 20 PPM AROMATICHC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 17 13:32:50 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030320.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 04 03:14:19 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.617	2311895	17.887 ug/ml
Spiked Amount 50.000		Recovery =	35.77%
6) S 2-Fluorobiphenyl (SURR)	8.479	1506855	17.069 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.14%
11) S ortho-Terphenyl (SURR)	11.513	2350638	16.953 ug/ml
Spiked Amount 50.000		Recovery =	33.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.422	2614207	19.653 ug/ml
2) T Naphthalene (C11.7)	5.958	2638082	18.567 ug/ml
3) T 2-Methylnaphthalene (...)	7.009	2554678	17.997 ug/ml
5) T Acenaphthylene (C15.06)	8.282	2394098	17.502 ug/ml
7) T Acenaphthene (C15.5)	8.576	2489212	17.631 ug/ml
8) T Flouorene (C16.55)	9.355	2369849	16.905 ug/ml
9) T Phenanthrene (C19.36)	10.750	2299885	16.457 ug/ml
10) T Anthracene (C19.43)	10.824	2236018	15.971 ug/ml
12) T Fluoranthene (C21.85)	12.559	2242357	15.988 ug/ml
13) T Pyrene (C20.8)	12.855	2222220	16.162 ug/ml
14) T Benzo[a]anthracene (C...	14.726	2107152	16.148 ug/ml
15) T Chrysene (C27.41)	14.768	2169273	16.114 ug/ml
16) T benzo[b]fluoranthene ...	16.277	2175236	16.956 ug/ml
17) T Bnezo[k]fluoranthene ...	16.308	2188333	16.670 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.656	2173825	17.064 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.020	2154160	18.077 ug/ml
20) T Dibenz[a,h]anthracene...	18.058	2181544	17.254 ug/ml
21) T Benzo[g,h,i]perylene ...	18.275	2182213	18.459 ug/ml

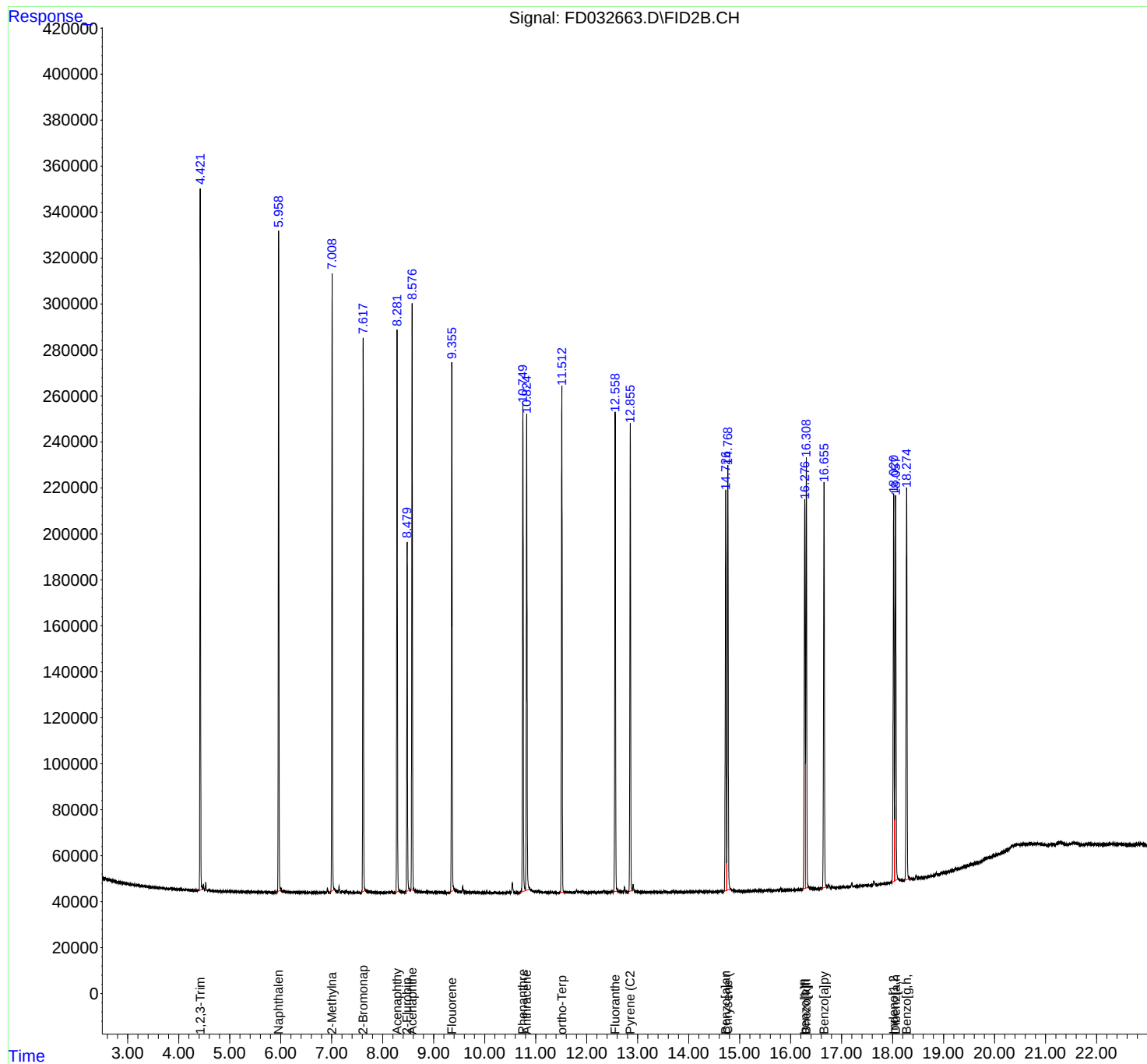
(f)=RT Delta > 1/2 Window

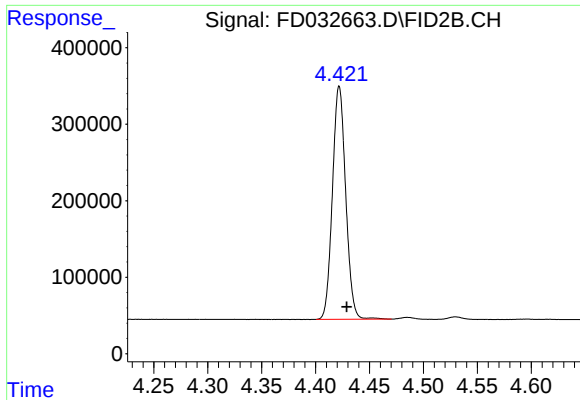
(m)=manual int.

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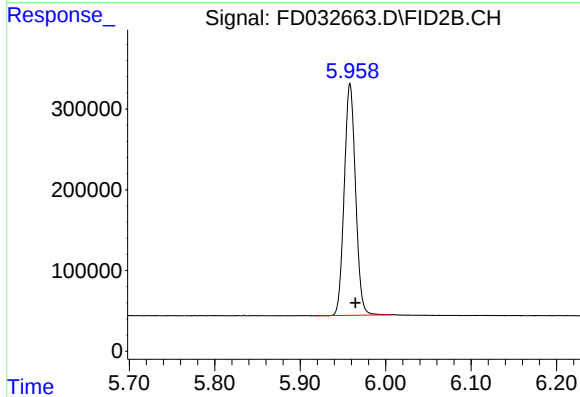
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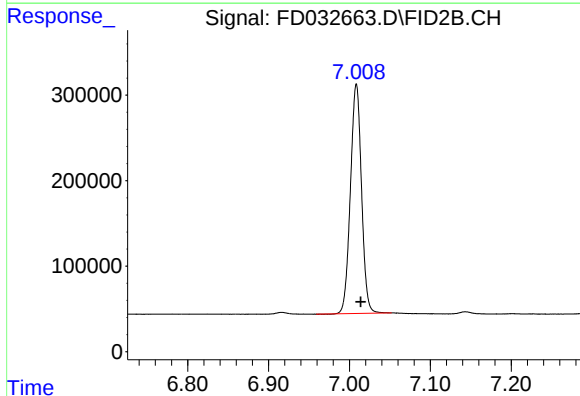
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.422 min
Delta R.T.: -0.007 min
Response: 2614207
Conc: 19.65 ug/ml



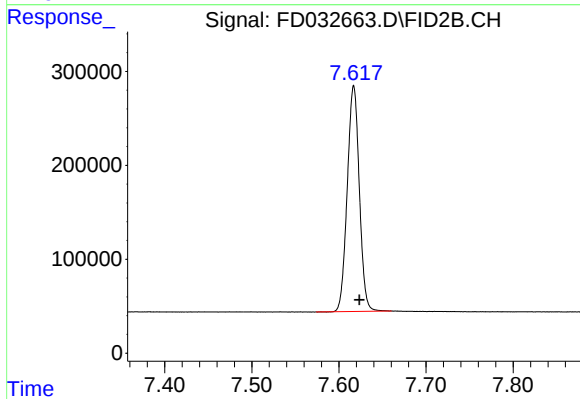
#2 Naphthalene (C11.7)

R.T.: 5.958 min
Delta R.T.: -0.006 min
Response: 2638082
Conc: 18.57 ug/ml



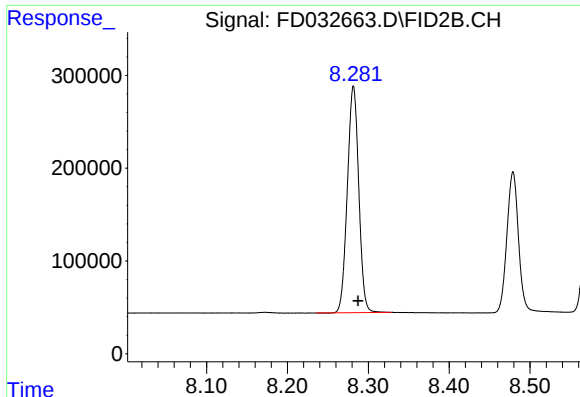
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.009 min
Delta R.T.: -0.005 min
Response: 2554678
Conc: 18.00 ug/ml



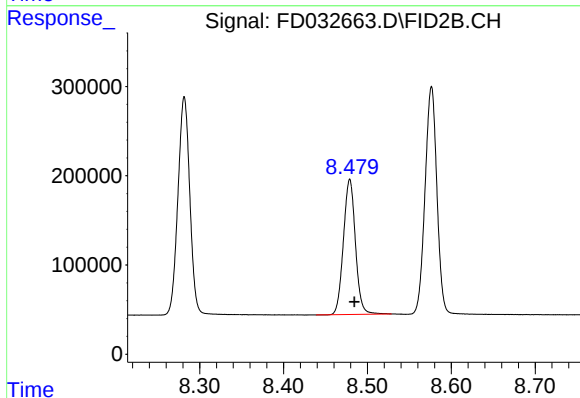
#4 2-Bromonaphthalene (SURR)

R.T.: 7.617 min
Delta R.T.: -0.006 min
Response: 2311895
Conc: 17.89 ug/ml



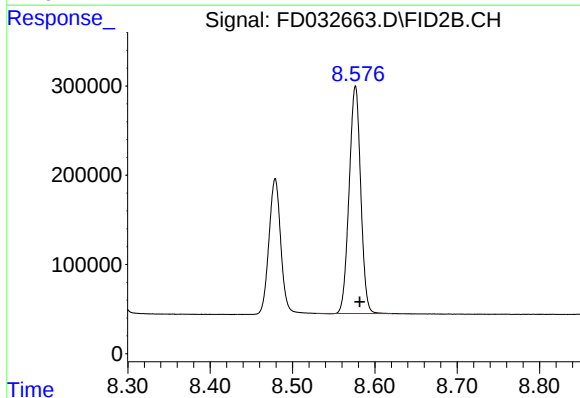
#5 Acenaphthylene (C15.06)

R.T.: 8.282 min
Delta R.T.: -0.006 min
Response: 2394098
Conc: 17.50 ug/ml



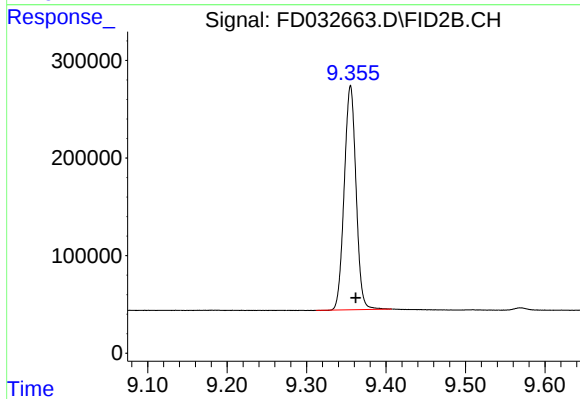
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.479 min
Delta R.T.: -0.005 min
Response: 1506855
Conc: 17.07 ug/ml



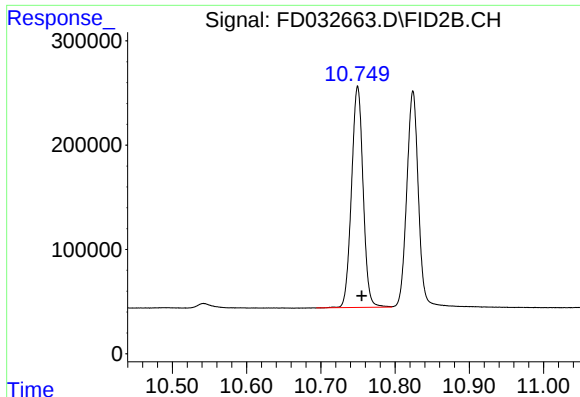
#7 Acenaphthene (C15.5)

R.T.: 8.576 min
Delta R.T.: -0.005 min
Response: 2489212
Conc: 17.63 ug/ml



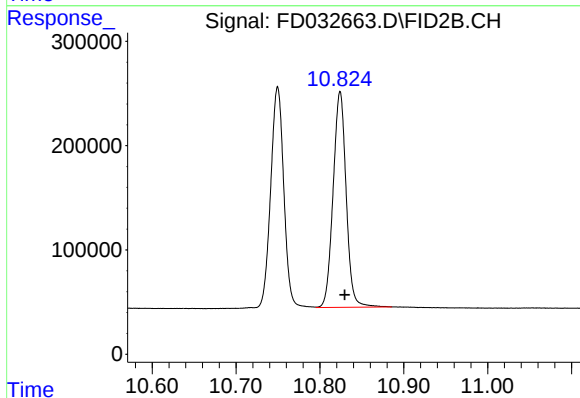
#8 Fluorene (C16.55)

R.T.: 9.355 min
Delta R.T.: -0.006 min
Response: 2369849
Conc: 16.91 ug/ml



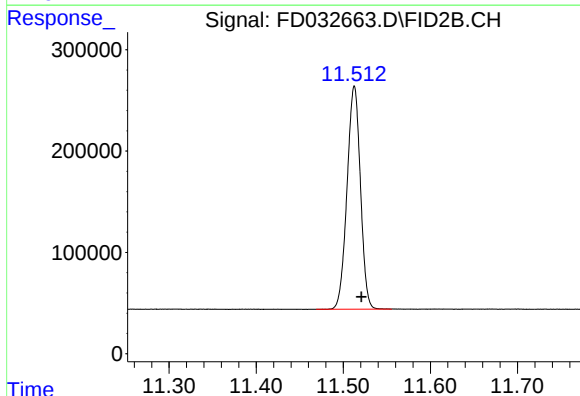
#9 Phenanthrene (C19.36)

R.T.: 10.750 min
Delta R.T.: -0.006 min
Response: 2299885
Conc: 16.46 ug/ml



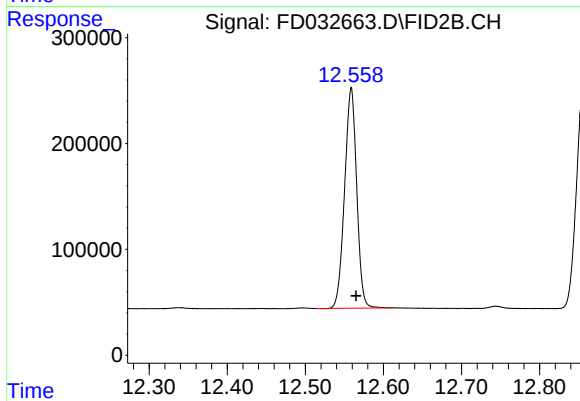
#10 Anthracene (C19.43)

R.T.: 10.824 min
Delta R.T.: -0.005 min
Response: 2236018
Conc: 15.97 ug/ml



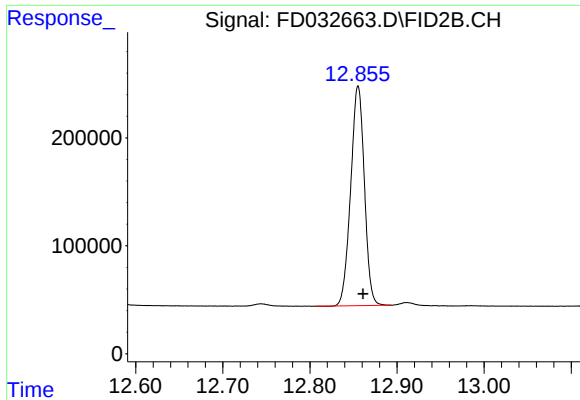
#11 ortho-Terphenyl (SURR)

R.T.: 11.513 min
Delta R.T.: -0.008 min
Response: 2350638
Conc: 16.95 ug/ml



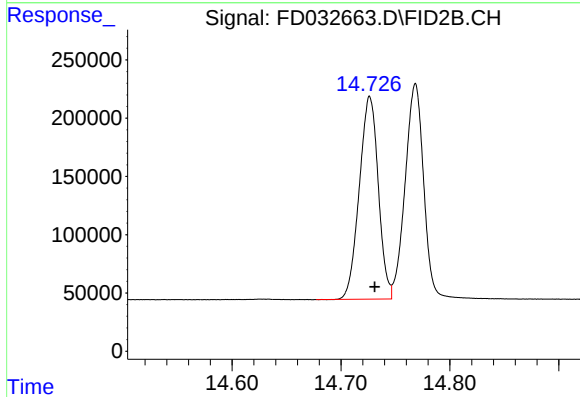
#12 Fluoranthene (C21.85)

R.T.: 12.559 min
Delta R.T.: -0.006 min
Response: 2242357
Conc: 15.99 ug/ml



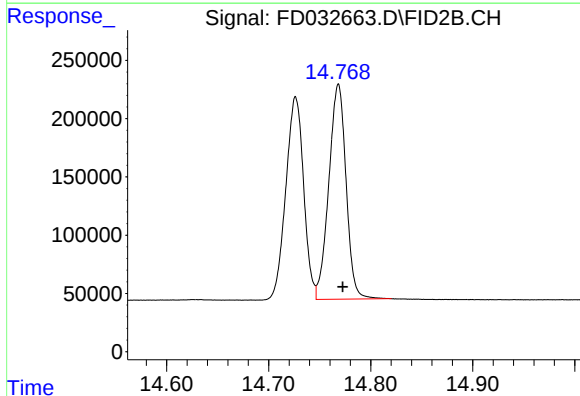
#13 Pyrene (C20.8)

R.T.: 12.855 min
Delta R.T.: -0.006 min
Response: 2222220
Conc: 16.16 ug/ml



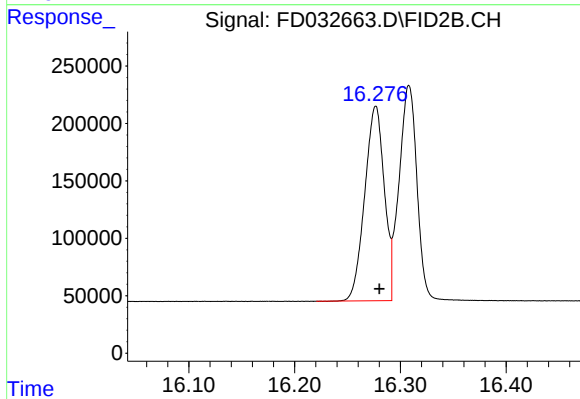
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.726 min
Delta R.T.: -0.005 min
Response: 2107152
Conc: 16.15 ug/ml



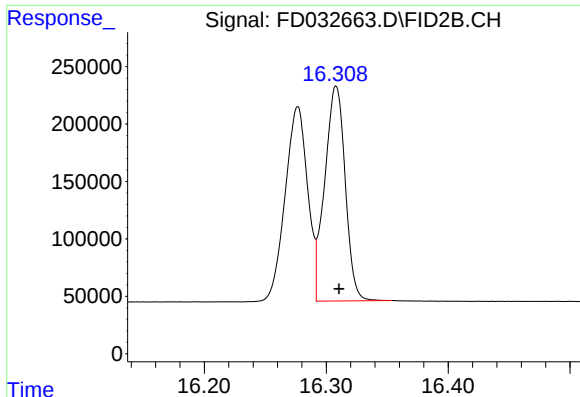
#15 Chrysene (C27.41)

R.T.: 14.768 min
Delta R.T.: -0.004 min
Response: 2169273
Conc: 16.11 ug/ml



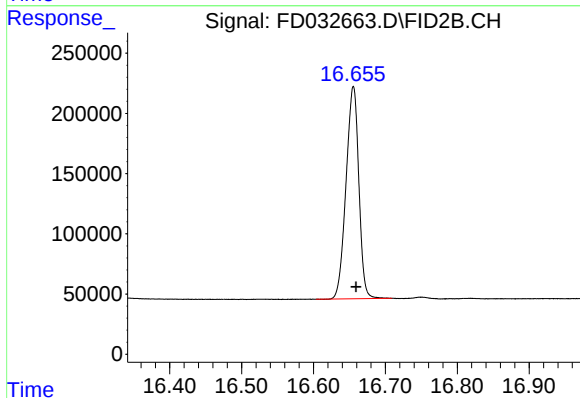
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.277 min
Delta R.T.: -0.003 min
Response: 2175236
Conc: 16.96 ug/ml



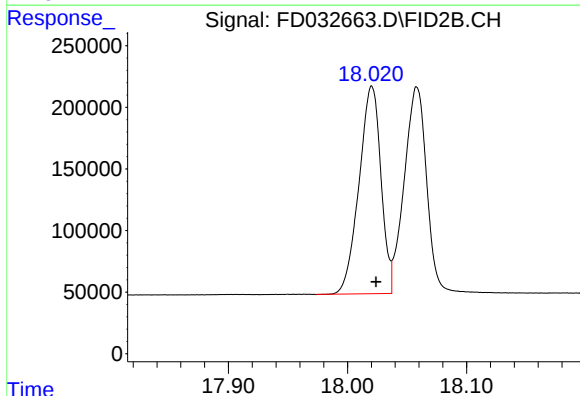
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.308 min
Delta R.T.: -0.002 min
Response: 2188333
Conc: 16.67 ug/ml



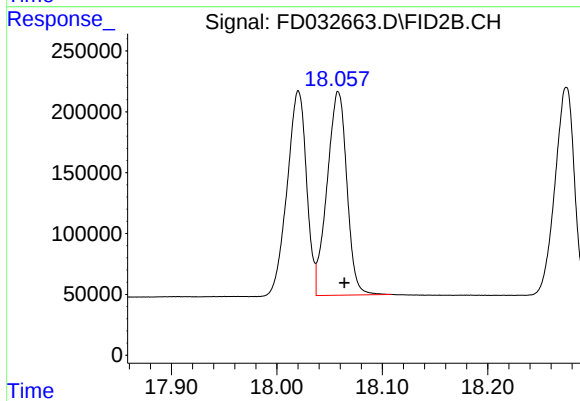
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.656 min
Delta R.T.: -0.003 min
Response: 2173825
Conc: 17.06 ug/ml



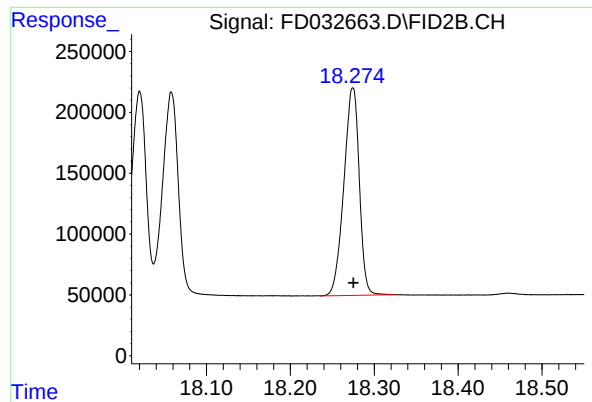
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.020 min
Delta R.T.: -0.003 min
Response: 2154160
Conc: 18.08 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.058 min
Delta R.T.: -0.006 min
Response: 2181544
Conc: 17.25 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.275 min
Delta R.T.: 0.000 min
Response: 2182213
Conc: 18.46 ug/ml